

**LOCAL GROUNDWATER ASSISTANCE GRANT PROGRAM  
APPLICATION**

**ATTACHMENT 7**

**SCHEDULE**



UPPER SAN GABRIEL VALLEY  
MUNICIPAL WATER DISTRICT

**UPPER DISTRICT GROUNDWATER REPLENISHMENT MODEL**

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## **Attachment 7**      **Schedule**

The Upper District proposes the attached schedule for developing a site-specific groundwater replenishment model to support the design, regulatory permitting, and management of the proposed Indirect Reuse Replenishment Project (IRRP) in the Main San Gabriel Basin (Basin). The model will provide a tool that will be used to address regulatory concerns and constraints; and to assess project design and management alternatives. It is expected to take approximately 12 months to complete this project after grant funding has been awarded. Upper District currently has access to the modeling software and data necessary to prepare the model. As a result, it is anticipated preparation of the model can begin by April 2013.

Quarterly progress reports will be provided to ensure that the project progresses through the appropriate milestones in a timely manner. The quarterly reports will summarize the actual work performed, meetings, emerging issues and solutions, and status of each task's schedule and budget. Meetings and status presentations will be scheduled throughout the timeline to discuss progress and make decisions regarding required deliverables.

The modeling project has been divided into eight tasks that inter-relate or build upon each other. The specific tasks include: (1) Data and Document Review; (2) Definition of Geologic Structure and Aquifer Properties; (3) Surface Water Analysis; (4) Conceptual Model Development; (5) Steady-State Calibration; (6) Transient Model Calibration; (7) IRRP Management Model Runs; (8) Project Meetings and Presentations; Quarterly Progress Reports, Model Documentation, and Final Report. The first seven tasks are milestones of model development and have specific deliverables that are outlined in the accompanying Work Plan. Task 8 includes the necessary meetings, reporting, and coordination for a successful project.

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## **Project Schedule**

# **Groundwater Replenishment**